

MC-Color Primer

Ready-to-use primer.

PRODUCT PROPERTIES:

- Copolymer dispersion.
- Water-based, transparent when dried.
- Film-forming.
- Substrate solidification.
- Open to water vapour diffusion, hydrophobic.
- Resistant to UV, weathering and alkali.
- Application by roller, brush and airless spraying.
- Certified in accordance with EN 1504 part 2.

AREAS OF APPLICATION:

- Primer for mineral substrates.
- Suitable for use on alkaline and neutral substrates.
- Also suitable for use on old coatings.
- REACH-assessed exposure scenarios: periodical water-contact, periodical inhalation, application.
- Certified in accordance with EN 1504 part 2 for principle 1, procedure 1.2.

APPLICATION NOTES:

- **Substrate preparation:** All substrates to be primed must be sound, clean and free from all loose particles, dust, oil and any other contaminants. The surface pull-off strength of the substrate must comply with relevant technical regulations.
- **Application:**
 - **MC-Color Primer** is ready-to-use and must be stirred thoroughly prior to application. Application is carried out continuously and streak-free using a roller, a brush or by airless spraying technique.
 - Application must not proceed during rain, high humidity, frost or risk of frost. Freshly applied layers must be protected from dew, rain and frost.
 - Overcoating time: See “Technical Data” table.
 - Rain-proof: See “Technical Data” table.
- **General information:** Coverage rates depend on condition of the substrate which may lead to over- or under-consumption. The recommended values in the “Technical Data” table are to be observed. **MC-Color Primer** must not be used during rain or temperatures below + 5°C. **MC-Color Primer** is a primer and only used in combination with the surface protection systems **MC-Color Flair pure**, **MC-Color Flair pro**, **MC-Color Flex pure**, **MC-Color Flex pro** and **MC-Color Flex vision**.

TECHNICAL DATA:

Characteristic	Unit	Value	Comments
Density	kg/dm ³	1	
Application conditions	°C	≥ 5 ≤ 30	air, substrate and material temperatures
	%	< 85	rel. humidity
	K	3	above dew point
Viscosity	mPa·s	960 - 1,440	Haake E30 1/22.6 s
Consumption 1)	ml/m ²	approx. 100 – 150	for normal concrete, fine filler, old paint, fibre cement boards
		approx. 500 - 600	for aerated concrete, sand-lime brick
Overworkable after	minutes	approx. 60	with absorbent substrates
	hours	approx. 4	with non-absorbent substrates
Rain resistant after	hours	4 - 6	
Dry to the touch after	minutes	approx. 60	

All technical values are laboratory results determined at 21°C ±2°C and 50% relative humidity.

1) The consumption values depend on the impermeability, absorbency and type of substrate. To determine the object-specific consumption quantities, it is advisable to create test areas.

PRODUCT CHARACTERISTICS:

Packaging	10L container
Storage	Can be stored in cool and dry conditions for at least 12 months in original unopened packs. Protect from frost.
EU Regulation 2004/42 (Decopaint Directive)	RL2004/42/EG All/j (40 g/l) ≤ 40 g/l VOC.
Packaging disposal	Make sure single-use containers are completely empty.

Note: The information provided here is based on our experience and correct to the best of our knowledge. It is, however, not binding. It will need to be adapted to the requirements of the individual building projects, to the specific application and to non-standard local conditions. Our data refers to the accepted engineering rules, which have to be observed during application. Given these preconditions we shall be liable for the accuracy of the information given as outlined in our sales and delivery terms and conditions. Recommendations by our employees that deviate from this information are only binding for us if they have been confirmed in writing. In all cases, the generally accepted rules and practices reflecting the current state of the art must be adhered.

Edition **01/2024**. Some technical changes have been made to this print medium. Older editions are invalid and may not be used.